



TE Internal #: CGE270N00000051000  
 Standard Circular Connectors, Cable-to-Panel, Power & Signal,  
 Panel Mount, Electrodeposited Nickel, Zinc Alloy, PBT GF, Size 40,  
 Shielded, Receptacle

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Panel**  
 Sealable: **No**  
 Circuit Application: **Power & Signal**  
 Connector Mounting Type: **Panel Mount**  
 Shell Plating Material: **Electrodeposited Nickel**

**Features**

**Product Type Features**

Product Type	Connector Assembly
Connector System	Cable-to-Panel
Sealable	No
Circular Connector Type	Receptacle
Shell Type	Metal

**Electrical Characteristics**

Operating Voltage	630 VAC
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**Body Features**

Environmental Protection	IP67
Shell Plating Material	Electrodeposited Nickel
Shell Base Material	Zinc Alloy
Circular Connector Insulation Material Type	PBT GF

**Mechanical Attachment**

Mating Retention Type	Speedtec (Triple Start Threaded)
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Panel Mount Feature Type	Flange with Mounting Holes
Connector Mounting Type	Panel Mount

**Housing Features**

Circular Connector Shell Size	40
Alignment Keyed	0°

**Usage Conditions**

Operating Temperature Range	-20 – 130 °C[-4 – 266 °F]
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**Operation/Application**

Durability Rating	500 Cycles
Circuit Application	Power & Signal
Shielded	Yes

**Industry Standards**

UL Flammability Rating	UL 94V-0
Approved Standards	UL

**Product Compliance**

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) SVHC > Threshold: Pb (3.5% in Component) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these

limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



TE Part # CSA263N00440001000  
940 PLUG



TE Part # C0-0008-000-000  
CRIMPING TOOL LARGE



TE Part # C0-0009-000-000  
POSITIONING INSERT FOR 2 MM CONTACTS



TE Part # C0-0201-000-000  
CRIMPING TOOL MID-SIZE



TE Part # C0-0236-000-000  
DIGITAL CRIMPING TOOL, MID SIZE



TE Part # C0-0247-000-000  
POSITIONING INSERT FOR 3.6 MM CONTACTS



TE Part # C0-0313-000-000  
CRIMPING DEVICE HC20 IN CASE

## Customers Also Bought



TE Part #2-5179230-3  
0.8FH,P06H.5,080,08/Sn,TU,SC



TE Part #1-1393258-2  
V23047-A1021-A511



TE Part #61-0195-011-000  
CONTACT PIN 3.6 MM



TE Part #61-0197-011-000  
CONTACT PIN 2 MM



TE Part #AGC139N00001215000  
623 RECEPTACLE ANGLED, ROTATABLE



TE Part #BGC106N00001116000  
923 RECEPTACLE, ANGLED, ROTATABLE



TE Part #BGC106N00001200000  
923 RECEPTACLE, ANGLED, ROTATABLE



TE Part #BGC110N00001116000  
923 RECEPTACLE, ANGLED, ROTATABLE



## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_CGE270N00000051000\\_A1.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_CGE270N00000051000\\_A1.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_CGE270N00000051000\\_A1.3d\\_igs.zip](#)

English

### 3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[fuer Datenblaetter, die online konfigurierbar sind](#)

German

[CGE270N00000051000](#)

English

### Product Specifications

German